

**In the Specification**

Applicants present replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

**Please amend the paragraph beginning on page 1, line 6 as follows:**

This application is a continuation of International Patent Application No. PCT/US03/25907, filed August 19, 2003, entitled "Systems and Methods for Control of pH and Other Reactor Environmental Conditions," by Miller, *et al.*, which application claims priority to U.S. Provisional Patent Application Ser. No. 60/409,273, filed September 9, 2002, entitled "Protein Production and Screening Methods," by Zarur, *et al.*; and is a continuation-in-part of U.S. Patent Application Ser. No. 10/223,562, filed August 19, 2002, entitled "Fluidic Device and Cell-Based Screening Method," by Schreyer, *et al.*; U.S. Patent Application Ser. No. 10/457,048, filed June 5, 2003, entitled "Reactor Systems Responsive to Internal Conditions," by Miller, *et al.*; U.S. Patent Application Ser. No. 10/456,934, filed June 5, 2003, entitled "Systems and Methods for Control of Reactor Environments," by Miller, *et al.*; U.S. Patent Application Ser. No. 10/456,133, filed June 5, 2003, entitled "Microreactor Systems and Methods," by Rodgers, *et al.*; U.S. Patent Application Ser. No. 10/457,049, filed June 5, 2003, entitled "Materials and Reactor Systems having Humidity and Gas Control," by Rodgers, *et al.*; and U.S. Patent Application Ser. No. 10/457,015, filed June 5, 2003, entitled "Reactor Systems Having a Light-Interacting Component," by Miller, *et al.* This application is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/456,934, which application is a continuation-in-part of U.S. Patent Application Ser. No. 10/119,917, filed April 10, 2002, entitled "Microfermentor Device and Cell Based Screening," by Zarur, *et al.*, which application claims priority to U.S. Provisional Patent Application Ser. No. 60/282,741, filed April 10, 2001, entitled "Microfermentor Device and Cell Based Screening," by Zarur, *et al.* This application is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/457,049, which application claims priority to U.S. Provisional Patent Application Ser. No. 60/386,323, filed June 5, 2002, entitled "Materials and Reactors having Humidity and Gas Control," by Rodgers, *et al.* This application is also a continuation-in-part of said U.S. Patent Application 10/457,015, which application claims priority to U.S. Provisional Patent Application Ser. No. 60/386,322, filed June 5, 2002, entitled "Reactor Having Light-Interacting Component," by Miller, *et al.* Said U.S.

Serial No.: 10/664,068  
Conf. No.: 3249

- 3 -

Art Unit: 1744

Patent Application Ser. No. 10/457,048 is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/119,917. Said U.S. Patent Application Ser. No. 10/456,133 is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/119,917. Said U.S. Patent Application Ser. No. 10/457,049 is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/119,917. Said U.S. Patent Application Ser. No. 10/457,015 is also a continuation-in-part of said U.S. Patent Application Ser. No. 10/119,917. All of these applications are  
incorporated herein by reference.